



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Supply circuit type	DC
Wiring technique	2-wire
Electrical connection	1 male connector M8, 4 pins
Product specific application	-
Emission	Red thru beam
[Sn] nominal sensing distance	15 m thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Add on input	Test by emission breaking
Status LED	1 LED (orange) for supply on
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1000 Hz
Voltage drop	<= 3 V (closed state)
Current consumption	11 mA (no-load)
Delay first up	< 100 ms
Delay response	0.5 ms
Delay recovery	0.5 ms
Setting-up	Sensitivity adjustment
Depth	20 mm
Height	43 mm


Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	11 mm
Product weight	0.01 kg

Environment

Product certifications	CE CTick cULus
Ambient air temperature for operation	-30...60 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

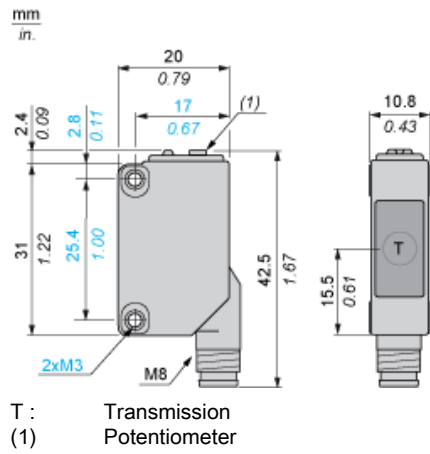
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1152 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
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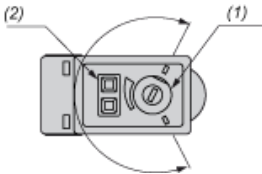
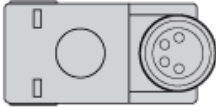
Contractual warranty

Warranty period	18 months
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Transmitter's Dimensions



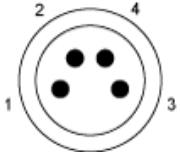
Mounting and Clearance



- (1) Adjustment potentiometer
- (2) Power on LED

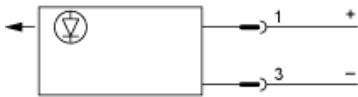
Connections and Schemes

M8 Connector

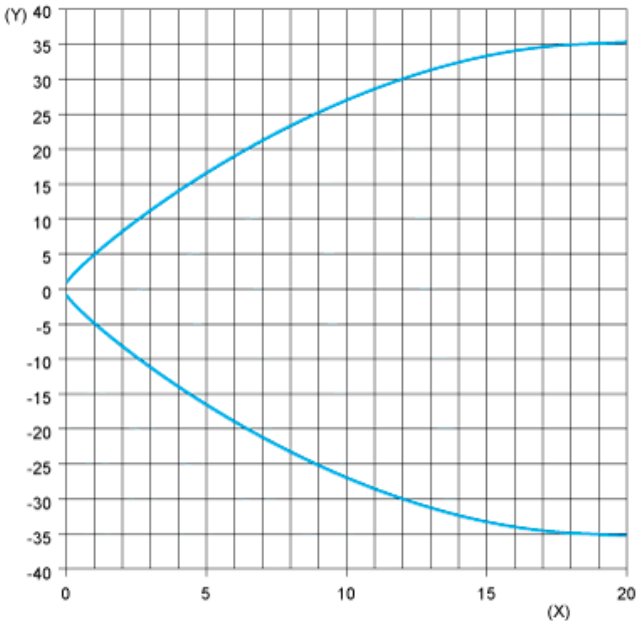


- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

Transmitter DC



Detection Curves



(Y) Parallel movement (cm)
(X) Distance (m)